
SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: HI-ALK
- UFI: HQEF-U06R-500M-Q8TJ

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: Detergent for professional use.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: QJS (UK) Ltd
- Address of Supplier: Saxilby Enterprise Park, Skellingthorpe Road, Lincoln, LN1 2LR, United Kingdom
- Telephone: +44 (0) 1522 703703 (Office hours: 07:30 - 16:30 hours)
- Responsible Person: Dan Turner
- Website: www.foodclean.com
- Email: sales@foodclean.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1978 434877 (Out of hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Met. Corr. 1, Skin Corr. 1A

2.2 Label elements



- Signal Word: Danger

Hazard statements

Causes severe skin burns and eye damage.
May be corrosive to metals.

Precautionary statements

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Do not breathe dust/fume/gas/mist/vapours/spray.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Wear protective gloves/protective clothing/eye protection/face protection.
Specific treatment (see instructions on this label).
Keep only in original packaging.

SECTION 2: Hazards identification (....)

Dispose of contents/container to an authorised waste collection point
Wash hands thoroughly after handling.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Wash contaminated clothing before reuse.
Absorb spillage to prevent material damage.
Store in a corrosion-resistant/... container with a resistant inner liner.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
Store locked up.

2.3 Other hazards

- Contains: sodium hydroxide solution
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SECTION 3: Composition/information on ingredients**3.2 Mixtures**

sodium hydroxide solution

CAS Number: 1310-73-2

EC Number: 215-185-5

REACH Registration Number: 01-2119457892-27-XXXX

Concentration: 20 - 30%

Specific Concentration Limits: Skin Corr. 1A; H314: $C \geq 5\%$
Skin Corr. 1B; H314: $2\% \leq C < 5\%$
Skin Irrit. 2; H315: $0,5\% \leq C < 2\%$
Eye Irrit. 2; H319: $0,5\% \leq C < 2\%$

M factor: Not available

Acute toxicity estimate: Not available

Categories: Met. Corr. 1, Skin Corr. 1A

Symbols: GHS05

H Statements: H290, H314

D-Glucopyranose, oligomers, decyl octyl glycosides

CAS Number: Not available

EC Number: Not available

REACH Registration Number: 01-2119488530-36

Concentration: 1 - 10%

Specific Concentration Limits: not available, not applicable

M factor: Not available

Acute toxicity estimate: Not available

Categories: Eye Dam. 1

Symbols: GHS05

H Statements: H318

SECTION 4: First aid measures

4.1 Description of first aid measures

- After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
- If skin irritation or rash occurs: Get medical advice/attention.
- When in doubt or symptoms persist, seek medical attention
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- Wash contaminated clothing before reuse.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes, skin and mucous membranes
- Possible blistering of the skin of affected areas
- Risk of serious damage to eyes

4.3 Indication of any immediate medical attention and special treatment needed

- In case of burns immediately cool affected skin as long as possible with cold water
- Remove contaminated clothing immediately and drench affected skin with plenty of water
- Obtain immediate medical attention

SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use water, foam, carbon dioxide or dry agent

5.2 Special hazards arising from the substance or mixture

- No information available

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental precautions

- Do not empty into drains
- Do not flush spilt material into any public water system
- Use appropriate containment to avoid environmental contamination

SECTION 6: Accidental release measures (....)**6.3 Methods and material for containment and cleaning up**

- Absorb spillage in suitable inert material
- Collect as much as possible in clean container for reuse or disposal
- Remove contaminated material to safe location for subsequent disposal
- Seek expert advice for removal and disposal of all contaminated materials and wastes

6.4 Reference to other sections

- See Section 8 for information on PPE
 - See Section 8 for information on PPE
 - See Section 13 for waste treatment information
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SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Avoid contact with skin and eyes
- Do not breathe spray/mists
- Do not mix with any other products
- Ensure adequate ventilation
- Eyewash bottles should be available
- In case of accident by inhalation: remove casualty to fresh air and keep at rest
- Proper chemicals handling procedures should be adopted
- Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed, in a cool, well ventilated place
- Do not store in direct sunlight
- Protect from frost
- Store locked up.

7.3 Specific end use(s)

- No information available
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SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

- No information available but must be considered harmful

sodium hydroxide solution

WEL (short term): 2 mg/m³

DNEL (Consumer; dermal, short term local effects): 2%

DNEL (Consumer; inhalational, long term local effects): 1.0 mg/m³

DNEL (Industry; dermal, short term local effects): 2%

DNEL (Industry; inhalational, long term local effects): 1.0 mg/m³

WEL: 0.02 mg/m³ (IOELV, Sk)

D-Glucopyranose, oligomers, decyl octyl glycosides

DNEL (Consumer; dermal, long term systemic effects): 357000 mg/kg bw/day

DNEL (Consumer; inhalational, long term systemic effects): 124 mg/m³

SECTION 8: Exposure controls/personal protection (....)

DNEL (Consumer; oral, long term systemic effects): 35.7 mg/kg bw/day
DNEL (Industry; dermal, long term systemic effects): 595000 mg/kg bw/day
DNEL (Industry; inhalational, long term systemic effects): 420 mg/m³

8.2 Exposure controls

- Engineering controls should be provided which maintain airborne concentrations as low as practicable
- In case of insufficient ventilation, wear suitable respiratory equipment
- Wear goggles giving complete eye protection
- Wear suitable gloves
- Wear suitable protective clothing

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Physical state: liquid
- Colour: yellow/brown
- Odour: Characteristic odour
- Melting point/Range: not applicable
- Boiling Point/Range: not available
- Flammability: Non-flammable
- pH: 14
- Solubility in water: miscible with water
- Density: 1.32 +/- 0.02
- Flashpoint: >93°C

9.2 Other information

- None

SECTION 10: Stability and reactivity**10.1 Reactivity**

- If exposed to heat, substance may discolour with time
- If exposed to light, substance may discolour with time
- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from frost
- Keep away from heat and sources of ignition
- Keep cool. Protect from sunlight.

10.5 Incompatible materials

SECTION 10: Stability and reactivity (....)

- DO NOT MIX WITH ANY OTHER CHEMICALS
- Avoid contact with soft metals unless advised otherwise

10.6 Hazardous decomposition products

- Decomposition products may include considerable amounts of gas
 - Decomposition products may include hydrogen
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SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Estimated LD₅₀ (oral) (ATE) : >2000 mg/kg

Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg

Estimated LD₅₀ (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

D-Glucopyranose, oligomers, decyl octyl glycosides

LD₅₀ (dermal, rabbit): >2000 mg/kg

LD₅₀ (oral, rat): >2000 mg/kg

Skin corrosion/irritation**Serious eye damage/irritation****Respiratory or skin sensitisation****Germ cell mutagenicity****Carcinogenicity****Reproductive toxicity**

STOT (specific target organ toxicity) - single exposure

STOT (specific target organ toxicity) - repeated exposure

Aspiration hazard**11.2 Information on other hazards**

SECTION 12: Ecological information**12.1 Toxicity**

D-Glucopyranose, oligomers, decyl octyl glycosides

EC₅₀ (daphnia): >100 mg/l (48 hr)

SECTION 12: Ecological information (....)

D-Glucopyranose, oligomers, decyl octyl glycosides

PNEC (Fresh water): 0.1 mg/l

PNEC (Marine water): 0.01 mg/l

PNEC (Sediment; fresh water): 0.487 mg/kg

PNEC (Sediment; marine water): 0.048 mg/kg

PNEC (Soil): 0.654 mg/kg

PNEC (STP): 560 mg/l

EC₅₀ (daphnia): >100 mg/l (48 hr)

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

12.6 Endocrine disrupting properties

12.7 Other adverse effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
- Do not reuse empty containers without commercial cleaning or reconditioning
- This material and/or its container must be disposed of as hazardous waste

SECTION 14: Transport information

DOT Proper Shipping Name: SODIUM HYDROXIDE SOLUTION

14.1 UN number or ID number

- UN No.: 1824

14.2 UN proper shipping name

- Proper Shipping Name: SODIUM HYDROXIDE SOLUTION

14.3 Transport hazard class(es)

- Hazard Class: 8

14.4 Packing group

SECTION 14: Transport information (....)

- Packing Group: II

14.5 Environmental hazards

14.6 Special precautions for user

- Contains: sodium hydroxide solution
- ADR Classification Code: C5
- Tunnel Restriction Code: 2
(E)
- Tunnel Tank Restriction Codes: L4BN

14.7 Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006, 1272/2008, 2015/830 and 2020/878
- Ingredients according to EC Detergents Regulation 648/2004
- Nonionic surfactant: 5%>15%
- Anionic surfactant: none
- Phosphate: none

15.2 Chemical safety assessment

- A chemical safety assessment is not required under REACH

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H290: May be corrosive to metals. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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